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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/921,334	08/03/2001	Alexander Lifson	11670.00006	4968

22910 7590 01/06/2003

BANNER & WITCOFF, LTD.
28 STATE STREET
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BOSTON, MA 02109

EXAMINER

NORMAN, MARC E

ART UNIT	PAPER NUMBER
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3744

DATE MAILED: 01/06/2003

Please find below and/or attached an Office communication concerning this application or proceeding.



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

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APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR / PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
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09/921, 334

03 August 2001

LIFSON

11670.00006

EXAMINER

M. NORMAN

ART UNIT

PAPER

9

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Commissioner of Patents and Trademarks

SUSPENSION OF PROSECUTION

All claims are allowable. However, due to a potential interference, *ex parte* prosecution is SUSPENDED FOR A PERIOD OF 6 MONTHS from the date of this letter. Upon expiration of the period of suspension, applicant should make an inquiry as to the status of the application.

REASONS FOR ALLOWABILITY

Claims 1-38 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

As per independent claim 1, the prior art does not teach means for rapidly pulsing the solenoid valve in the bypass line whereby the rate of flow of bypass to the suction line is modulated.

As per independent claim 3, the prior art does not teach means for rapidly pulsing the solenoid valve in the economizer circuit whereby the rate of economizer flow to the compressor is modulated.

As per independent claims 4, 9, 17, 29, and 33, the prior art does not teach a suction valve, in the refrigeration suction line, being cyclable between open and closed positions and operative to cycle with a cycling time shorter than the response time of the system to modulate compressor capacity.

As per independent claim 14, 24, and 35, the prior art does not teach a solenoid valve in the refrigerant fluid suction line operative in response to capacity control signals received from the controller to cycle between a fully open position and a fully closed position to modulate compressor capacity.

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Marc E. Norman whose telephone number is 703-305-2711. The examiner can normally be reached on Mon.-Fri., 8:00-5:30, with first Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Denise Esquivel can be reached on 703-308-2597. The fax phone numbers for the organization where this application or proceeding is assigned are 703-872-9302 for regular communications and 703-872-9303 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-306-5648.

MN
December 18, 2002


DENISE L. ESQUIVEL
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 3700